

Title (en)  
Solar module having a connecting element

Title (de)  
Solarmodul mit einem Anschlusselement

Title (fr)  
Module solaire comportant un élément de connexion

Publication  
**EP 1601024 A3 20120502 (EN)**

Application  
**EP 05010884 A 20050519**

Priority  
DE 102004025627 A 20040525

Abstract (en)  
[origin: EP1601024A2] A solar module having a housing and a solar element is described, wherein the housing comprises a connecting element, which is connected to the contact surface of the solar element in an electrically conductive manner. Furthermore the connecting element is connected to electrical connection sockets, by means of which connecting conductors may be connected. A spring contact which is biased against the contact surfaces of the solar elements is arranged between the connecting element and the contact surfaces of the solar element as a contact element. As a result of this, soldered, clamped or screwed connections between the solar element and the connecting element are unnecessary. A simple and cost-effective automated production of the solar module is thus made possible.

IPC 8 full level  
**H01L 31/02** (2006.01); **H01L 31/042** (2006.01); **H01L 31/048** (2006.01); **H01L 31/05** (2006.01); **H01R 4/48** (2006.01); **H01R 12/22** (2006.01); **H01R 12/71** (2011.01); **H01R 13/24** (2006.01)

CPC (source: EP US)  
**H01L 31/02008** (2013.01 - EP US); **H02S 40/34** (2014.12 - EP US); **Y02E 10/50** (2013.01 - EP US)

Citation (search report)  
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
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